

Amendment to the Abstract:

The Abstract has been amended. A revised Abstract is attached.

Abstract

A radio communication device includes a beacon reception unit (201)-extracting a frame from a received beacon and a frame judgment unit (202)-judging whether the extracted frame is one requiring data transmission/reception or one giving notice of a collision with a beacon of another network, a frame constructing unit (205)-used when the frame judgment unit (202)-has judged that the frame is a collision notification, generating a frame for relaying the collision notification and a movement notification to a new beacon transmission period, and a beacon transmission instruction unit (206)-instructing transmission of the frame at the beacon transmission timing. Accordingly, since these notifications can be relayed, all radio communication devices of the same network can move to a new beacon transmission period while avoiding a collision with a beacon from a radio communication device of another network.